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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/683,237	12/05/2001	Laurence Hubert	D/A1055	8307

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EXAMINER

WOO, ISAAC M

ART UNIT	PAPER NUMBER
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2172

DATE MAILED: 10/06/2003

9

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/683,237

Applicant(s)

HUBERT ET AL.

Examiner

Isaac M Woo

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 July 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 and 21-23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14, 16-17 and 21-23 is/are rejected.
- 7) ☒ Claim(s) 15 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

DETAILED ACTION

1. This action is in response to Applicant's Amendments, filed on July 17, 2003 have been considered but are deemed moot in view of new ground of rejections below.
2. Claims 1, 3, 5-8, and 13 are amended and claims 21-23 are newly added. Claims 18-20 are previously canceled.
3. Pending claims are 1-17 and 21-23.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-2, 4-12, 14, 16-21 and 23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Combs (U.S. Patent No. 6,138,129) in view of Schwartz et al (U.S. Patent No. 5,905,988, hereinafter, "Schwartz").

With respect to claims 1, 8 and 21, Combs discloses, the system, and the method for enriching a document, a user interface (GUI, col. 3, lines 55-64) document editor for authoring the document, see (102, 104, fig. 1, col. 2, lines 45-64, disclosed system of Combs is a electronic document editing (converting) to HTML format or SGML format); directed search service for receiving input specifying a directed search while the document is authored with the document editor, see (define search/ link tag by user, col. 3, lines 45-67 to col. 4, lines 1-7); and inserting directed search in the document as a document service request, see (define search/ link tag, col. 3, lines 45-67 to col. 4, lines 1-7); directed search including search criteria (specifying target document, col. 3, lines 54-65), search result parameters (110, fig. 1, col. 3, lines 45-67 to col. 4, lines 1-7), see (col. 3, lines 45-67 to col. 4, lines 1-7); the result parameters including, location parameters (col. 3, lines 45-67 to col. 4, lines 1-7) identifying wherein the document the search results are to be inserted (col. 4, lines 65-67 to col. 5, lines 1-11) and form parameters (context, col. 3, lines 45-67 to col. 4, lines 1-7) specifying a form in which the search results are to be inserted into document, see (col. 3, lines 45-67 to col. 4, lines 1-7, col. 4, lines 8-22); meta-document server (disclosed system of Comb is searching for hyper-link information, hyper-link system provides meta-data, col. 2, lines 6-21) for performing the directed search specified in the document serviced request by querying the information providers specified in the search results parameters of the directed with the search criteria specified (specifying target document, col. 3, lines 54-65) in the directed search (112, fig.1, col. 5, lines 39-59) and inserting (generates links, col. 5, lines 25-49) search results in the document using the location parameters

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(col. 3, lines 45-67 to col. 4, lines 1-7) and form parameters (col. 3, lines 45-67 to col. 4, lines 1-7) that identify location and the form to insert search results in the document (col. 3, lines 45-67 to col. 4, lines 1-7, col. 4, lines 8-22). Combs discloses the parameters identifying one or more information to perform the direct search and provide search results, see (col. 3, lines 45-67 to col. 4, lines 1-7). Combs does not explicitly disclose the information provider parameters identifying one or more information providers. However, Schwartz discloses the search parameters are accepted and selects search engine, see (col. 14, lines 20-54), which teaches that a user can specifies a parameter for a search engine (information provider) for performing searching and providing search results. Therefore, it would have been obvious a person having ordinary skill in the art the time invention was made to include the information provider parameters identifying one or more information providers of the system in Schwartz in the system in Combs to provide a user parameter to select information provider for searching and results. Because selecting information provider (search engine) can provide a user's choice to select search engine, which helps more accurate search results based on right areas to be searched.

With respect to claims 2 and 9, Combs discloses that the form parameters are one of a link, content, and metadata, see (col. 4, lines 1-30).

With respect to claims 4 and 12, Combs discloses that the information provide parameters include language, quality, quantity and cost, see (col. 3, lines 45-67 to col. 4, lines 1-7).

With respect to claim 5, Combs discloses that the search criteria include means for specifying information provides according to a user defined criteria, see (specifying target document, col. 3, lines 54-65).

With respect to claims 6 and 11, Combs discloses that the meta-document server performs the directed search using the search criteria and information provider parameters by fetching, filtering and summarizing the search results, see (col. 5, lines 39-67).

With respect to claims 7 and 10, Combs discloses, the parameter of the directed search specified in the document service request are defined in the document using XML tag, see (col. 2, lines 45-63).

With respect to claim 14, Combs discloses the exporting the document for import at other meta-document server, see (disclosed system of Comb is searching for hyper-link information, hyper-link system provides meta-data, col. 2, lines 6-21).

With respect to claim 16, Combs discloses, dictionaries of two services are equivalent if they map to the predefined categorization, see (col. 3, lines 1-28).

With respect to claim 17, Combs discloses, two keys of s service map if they both reduce to a common generic key, see (col. 3, lines 29-54).

6. Claims 3, 13 and 22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Combs (U.S. Patent No. 6,138,129) in view of Schwartz et al (U.S. Patent No. 5,905,988, hereinafter, "Schwartz") in view of Sieffert (U.S. Patent No. 6,594,662, hereinafter, "Sieffert").

With respect to claims 3, 13 and 22, Combs does not explicitly disclose scheduler for selecting the document service request at the specified frequency and for initiating and managing communication with the information provides specified in the results parameters of the directed search. Sieffert discloses, search items that define a search for information and specify one or more of the network resources, a system executive that constructs a set of the resource identifiers scheduled to be searched and a set of the search items specifying at least one of the network resources corresponding to one of the resource identifiers of the constructed resource identifier set, a collection controller, for each of the resource identifiers of the constructed set of resource

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identifiers, the collection controller retrieving information presented by the networked resource corresponding to the resource identifier, see (col. 3, lines 24-44). This teaches to identify the frequency of searching (schedule to be searched) based parameters provided by user. Therefore, it would have been obvious a person having ordinary skill in the art the time invention was made to include scheduler for selecting the document service request at the specified frequency and for initiating and managing communication with the information provides specified in the results parameters of the directed search of Sieffert in the system in Schwartz and Combs to provide the frequency of schedule for search. Because the searching with schedule by frequency setting, provides obtaining of up-to-dated information without user interaction.

Allowable Subject Matter

7. Claim 15 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Because the prior art (Combs U.S. Patent No. 6,138,129) teaches for importing a meta-document with creating hyperlink document. But the prior art does not teach the means for creating new meta-document with: first means for adding services in the new meta-document available at an importing meta-document server with services that map exactly to a predefined categorization; and for those services not added by the first adding means but specified in the exported meta-document, second means for adding services in the new meta-document available at

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the importing meta-document server with services that map partially to a predefined categorization, and have at least one dictionary and one key in common.

Conclusion

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.


Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Isaac M Woo whose telephone number is (703) 305-0081. The examiner can normally be reached on 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Y Vu can be reached on (703) 305-4393. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

IMW
September 29, 2003


SHAHID ALAM
PRIMARY EXAMINER